20031129.qrp v03_n119.qrl.20031129

Date: Sat, 29 Nov 2003 19:03:05 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3119

QRP-L Digest 3119

Topics covered in this issue include:

  1) [161992] Re: weller wtcpt question..
     by "Mike Yetsko" <myetsko@insydesw.com>
  2) [161993] Re: weller wtcpt question..
     by "Mike Yetsko" <myetsko@insydesw.com>
  3) [161994] New PIC Kit - VFO Rockmite
     by "Dick" <dboley@adelphia.net>
  4) [161995] Re: weller wtcpt question..
     by Ed Tanton <n4xy@earthlink.net>
  5) [161996] Re: weller wtcpt question..
     by "Bruce Kizerian" <kizerian@xmission.com>
  6) [161997] Fwd: [425ENG] 425 DX News #656
     by Ed Tanton <n4xy@earthlink.net>
  7) [161998] Re: New Kit Announcement - Brass Paddle Kit
     by Rick McKee <kc8aon@juno.com>
  8) [161999] Power Connector
     by "Royce Simmons" <w2rbn@frontiernet.net>
  9) [162000] [AZpad] While waiting for the paddle
     by Chuck Adams <k7qo@commspeed.net>
 10) [162001] Re: More Items For Sale
     by "Dick Housden, W0NTA" <housden@comcast.net>
 11) [162002] Re: weller wtcpt question..
     by "Mike Yetsko" <myetsko@insydesw.com>
 12) [162003] Re: New Kit Announcement - Brass Paddle Kit
     by Karl Larsen <k5di@zianet.com>
 13) [162004] Re: weller wtcpt question..
     by "Bruce Kizerian" <kizerian@xmission.com>
 14) [162005] Re: weller wtcpt question..
     by w9ya <w9ya@arrl.net>
 15) [162006] Re: weller wtcpt question..
     by w9ya <w9ya@arrl.net>
 16) [162007] keys
     by "carl seyersdahl" <carlseye@tampabay.rr.com>
 17) [162008] RE: New Kit Announcement - Brass Paddle Kit
     by "Tim Jones" <k9nx@insightbb.com>
 18) [162009] Key
     by "carl seyersdahl" <carlseye@tampabay.rr.com>
 19) [162010] Re: weller wtcpt question..

    by "Lawrence Makoski" <Makos327@worldnet.att.net>
20) [162011] Re: weller wtcpt question..
    by "Leon Heller" <leon_heller@hotmail.com>
21) [162012] Logikey keyer for sale
    by goemans <jgoemans@wisc.edu>
22) [162013] Re: MFJ 259B
    by "George, W5YR" <w5yr@att.net>
23) [162014] =?iso-8859-1?Q?Preliminary_FOX_Log_--_W=D8PWE?=
    by "Aartec" <aartec@dwx.com>
24) [162015] Re: weller wtcpt question..
    by Ed Tanton <n4xy@earthlink.net>
25) [162016] Re: Key
    by "Ron KU7Y" <ku7y@tds.net>
26) [162017] Re: weller wtcpt question..
    by Bruce Muscolino <w6toy@erols.com>
27) [162018] Re: Key
    by Bruce Muscolino <w6toy@erols.com>
28) [162019] Re: keys
    by "George, W5YR" <w5yr@att.net>
29) [162020] Re: weller wtcpt question..
    by Bruce Muscolino <w6toy@erols.com>
30) [162021] Re: [AZpad] While waiting for the paddle
    by "John" <digi2@earthlink.net>
31) [162022] Re: [AZpad] While waiting for the paddle
    by "Joe Martin" <km5cw@wt.net>
32) [162023] Re: weller wtcpt question..
    by Dale Botkin <dale@botkin.org>
33) [162024] Re: keys
    by "Joe Martin" <km5cw@wt.net>
34) [162025] Re: weller wtcpt question..
    by "Bruce Kizerian" <kizerian@xmission.com>
35) [162026] WTB: DSW-40 (unbuilt kit)
    by David Gauding <david.gauding@bbs.galilei.com>
36) [162027] Re: weller wtcpt question..
    by "Bruce Kizerian" <kizerian@xmission.com>
37) [162028] Re: MFJ 259B
    by "" <ab7vf@zworg.com>
38) [162029] Re: [AZpad] While waiting for the paddle
    by Dale Botkin <dale@botkin.org>
39) [162030] Re: keys
    by John Pfeifer <jpfeifer@gci.net>
40) [162031] Re: Key
    by Dale Botkin <dale@botkin.org>
41) [162032] Keyer kits shipping
    by Dale Botkin <dale@botkin.org>
42) [162033] Re: MFJ 259B
    by "George, W5YR" <w5yr@att.net>
43) [162034] No snow in Florida...DSWMULTI...StarTech USB/serial/parallel ports

addition to the ThinkPad...
     by <bill@n4qa.com>
 44) [162035] Re: weller wtcpt question..
     by Lee Mairs <lmairs@direcway.com>
 45) [162036] Re: weller wtcpt question..
     by <ah7i@atl.org>
 46) [162037] It's time for MQFD !
     by Rick McKee <kc8aon@juno.com>
 47) [162038] Re: Logikey keyer for sale
     by John Oppenheimer <kn5l@gte.net>

Date: Fri, 28 Nov 2003 16:12:43 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <kizerian@xmission.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [161992] Re: weller wtcpt question..
Message-ID: <00c101c3b5f4$5fefbae0$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I found the wtcpt, even with the no. 8 tip (800 degrees), to be
unacceptable
> for Mahattan stlye building. I just could not get good flow when I
soldered
> directly to the ground plane. There are quite a few better irons for
less
> money. I was very disappointed in this product.

The wtcpt iron is a controlled temp medium to low wattage iron.

Pretty much designed for production work. It's not
DESIGNED to do things like attach manhattan pieces where there's a
significant 'sink' for heat when you solder. Even with a no 8 tip at 800
degrees, you just don't have the wattage to overcome the sink.

For manhattan stuff, get an old 60W iror with a big tip with lots of
thermal
inertia, or a multi-wattage gun. Save the wtcpt for what it's good for.

Don't blame the iron when it's the operator trying to use it outside of
it's
design qualifications.

Date: Fri, 28 Nov 2003 16:15:33 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <leehopp@msn.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [161993] Re: weller wtcpt question..
Message-ID: <00d501c3b5f4$e080f020$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Dunno if you know this already, but a small tin of tip cleaner is really
> handy. They're available at Rad Shack for about $5.00 - keeps that tip
> really *shiney*

I don't use this on good plated tips unless they got abused and are
slightly
corroded. At which point they are lost anyway. I don't think the stuff
actually damages a tip, but if you keep your tip in good condition, you
won't ever have to use the stuff.

And yes, I have the small tip stuck to the base of my wtcpt station. But
I don't think I've swiped a 'good tip' through it in a couple of months.
It's
usually one of the tips I have to change to for some special purpose that
I find some idiot abused and now I have to clean up to use.

Date: Fri, 28 Nov 2003 17:16:11 -0500
From: "Dick" <dboley@adelphia.net>
To: <qrp-l@lehigh.edu>
Subject: [161994] New PIC Kit - VFO Rockmite
Message-ID: <000b01c3b5fd$3aecd9e0$6501a8c0@s>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Looks like the new PIC kit/classes with the DDS daughter board would be a
nice VFO for the Rockmite. You could use the transmit signal to detect and
produce a 700hz offset. Does this make sense or is there a fly in the
ointment??

Dick N3HKN

Date: Fri, 28 Nov 2003 17:19:22 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: kizerian@xmission.com,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [161995] Re: weller wtcpt question..
Message-ID: <6.0.0.22.2.20031128171104.01e60180@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I don't know what was wrong with YOUR own WTCPT Bruce... but you could not be MORE INCORRECT about WTCPTs in general. I have used the WTCPT to do the braid-to-PL259 soldering (with the aid of some flux)... fully melting solder INTO the braid and 'onto' the barrel of the PL259. They do a great job of heat transfer. Perhaps you were trying to use that WTCPT finest chisel tip on circuit board-but even that should have been able to 'take ahold'. Only thing I ever found it wouldn't do flux or no flux was wire-to-ground-rods. But they ought to be clamped or welded anyway.

Also, I should mention I have been pleased with whatever this brass-colored Brillo-pad-like tip cleaner is. Works very well on the type of plated tip commonly in use these days. And... I do not like the plating (tip) life with the 800 degree tips. The sevens are just fine.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: http://www.n4xy.com

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain

temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Fri, 28 Nov 2003 15:26:56 -0700
From: "Bruce Kizerian" <kizerian@xmission.com>
To: "Mike Yetsko" <myetsko@insydesw.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [161996] Re: weller wtcpt question..
Message-ID: <009f01c3b5fe$bc1c5580$b30646a6@98seoem>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

 >Don't blame the iron when it's the operator trying to use it outside of
> it's
> design qualifications.

In 40 years of R&D and product development this is one of the poorest
excuses for an iron I have encountered. Even with the no 8 tip it is much
too slow for production work--unless of course you are an inexperienced
solderer and need a crutch in order to solder. It is the giant kindergarten
crayon of soldering irons.

I say this knowing that it is likely to provoke, but that's my experience.

Bruce kk7zz

Date: Fri, 28 Nov 2003 17:26:24 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: qrp-L Reflector <qrp-l@lehigh.edu>

Subject: [161997] Fwd: [425ENG] 425 DX News #656
Message-ID: <6.0.0.22.2.20031128171938.01e67b98@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>To: n4xy@earthlink.net
>Subject: [425ENG] 425 DX News #656
>Date: Fri, 28 Nov 2003 23:05:18 +0100 (CET)
>From: 425list@425dxn.org
>
>
>____
>   HAVE YOU MISSED A PIECE OF DX INFORMATION?
>   Do not forget that the opening page at www.425dxn.org features an
>   engine that allows you to search anything you want within the site
>____
>
>   29 November 2003   No 656
>   ============================
>   *** 4 2 5 D X N E W S ***
>   **** DX INFORMATION ****
>   ============================
>   Edited by I1JQJ & IK1ADH
>
>/---\
>! Information, reports and suggestions must be sent to: !
>!   !
>! Mauro Pregliasco, I1JQJ: DX information   !
>!   (e-mail i1jqj@425dxn.org - BBS I1JQJ@IK1MJJ.IPIE.ITA.EU)   !
>! Maurizio Bertolino, IZ1CRR (I1-21171): 425 DX News WWW Pages   !
>!   (e-mail i121171@425dxn.org)   !
>\---/
>
>5H   - The Russian Robinson Club has announced a mountain DXpedition in
>   Tanzania to the top of Kilimanjaro (5985 metres a.s.l.). Team
>   members include RW3GW, RW3GU, RZ3EM, Gennadiy Khryukin (mountain
>   climber) and Boris Mamlin (video operator and journalist). The
>   DXpedition will take place between December 3rd and 16th. Special
>   QSL cards will be sent out via the bureau. [TNX The Daily DX]
>5T   - Look for 5T5AFF (QSL via JA1AFF), 5T5CPS (QSL via JA1CPS), 5T5GDR
>   (QSL via JR1GDR), 5T5HC (QSL via JA1HC), 5T5RQ (QSL via JA6RQ) and
>   5T5TY (QSL via JA1TY) to be active in their spare time from
>   Mauritania on 4-17 December. [TNX The Daily DX]
>8P   - Steve, K2WE will operate (on 80-6 metres CW and SSB) as 8P9AP from
>   Barbados (NA-021) on 2-8 December. QSL via home call. [TNX The Daily
>   DX]
>A6   - UN World Food Programme workers currently stationed in Dubai, UAE

>   include SM7PKK, S53R, S57CQ, PA5M and ON5NT. They will be joined by
>   N2AA and participate in the CQ WW DX CW Contest from A61AJ. QSL via
>   K2UO (for North, Central, South America, Caribbean, US territories
>   in the Pacific) and DJ2MX (rest of the world). Owing to the current
>   workload, the IOTA operations from AS-021 and AS-124 [425DXN 641]
>   are postponed until February-March 2004. [TNX ON5NT]
>FR/E   - The TO4E team became active from Europa Island around 16 UTC on 24
>   November (17 and then 20 metres CW). Antenna setup was expected to
>   be completed by 28 November. Except for the CQ WW DX CW Contest, the
>   operators cannot work 24 hours a day owing to "restriction with the
>   generator, probably due to a lack of gas" (F5CWU). QRV times (UTC)
>   are 04.00-07.30, 10.00-10.30, 13.00-13.30 and 15.15-19.45 or 20.00.
>   During the weekend look for TO4WW to participate in the CQ WW DX CW
>   Contest, while TO4E will concentrate on the WARC bands. The web site
>   for the operation is at http://europa2003.free.fr/, but since they
>   do not have Internet capabilities from the island, the logs will be
>   posted when the operators return to France. QSL via F5OGL.
>G   - Andre, GM3VLB will operate as GM3VLB/P or /M from Holy (Lindisfarne)
>   Island (EU-120) on 29 and 30 November. QSL via home call. [TNX
>   GM3VLB]
>HS   - Mirek, VK6DXI is travelling to Thailand again. He will be at Pattaya
>   on business from 3 to 23 December at least and will operate in his
>   spare time as HS0/VK3DXI on 80-10 metres. QSL via DL4DBR. [TNX
>   VK6DXI]
>I   - Alberto, IT9MRM (http://www.qsl.net/it9mrm/index.html) expects to
>   operate on 20 and 15 metres SSB as IF9/IT9MRM from the lighthouse at
>   Punta Sottile (WAIL SI-024, ARLHS ITA-145) on Favignana Island (EU-
>   054, IIA TP-001) on 2 December, between 9 and 15 UTC. QSL via home
>   call. [TNX IT9MRM]
>J8   - Wayne, K8LEE and Pete, N0FW will be active from St. Vincent on 3-16
>   December. Look for J8DX on 160-6 metres, including entries in the
>   ARRL 160 CW the ARRL 10 Meter contests. QSL via W8QID. [TNX The
>   Daily DX]
>KP2   - Curt, W3HQ (fclambert@infonale.com) will operate as W3HQ/KP2 from
>   the US Virgin Islands on 3-11 December. He will be active on 160,
>   80, 40, 30, 20 and 15 metres CW QRP and will welcome skeds with DX
>   stations, especially from Asia and Oceania. QSL via home call
>   through the W3 bureau. [TNX W3HQ]
>PY0_spp- Joca, PS7JN will be active again as ZW0S from St. Peter & St. Paul
>   Rocks (SA-014) on 1-15 December. He will operate in his spare time
>   and will work SSB and RTTY on HF plus 6 metres. QSL via PS7JN.
>   Please note that after receipt of the necessary documentation a few
>   days ago, Joca's past operations as ZW0S (April 2001, February 2002,
>   April and September 2003), as well as his forthcoming activity, are
>   approved for DXCC credit. [TNX The Daily DX]
>V4   - Larry, KJ4UY will operate as V47UY from Nevis (NA-104) on 3-16
>   December, including activity during the ARRL 160 Meter and 10 Meter
>   contests. QSL via home call (US stations direct only, others either

> direct or via the bureau). [TNX KJ4UY]
>VK - VK2DMM, the Murwillumbah Museum amateur radio station, will be
> active from 1 December on +/- 7085, 14185 and 21205 kHz SSB. The
> Murwillumbah Museum has one of the last regional repositories of
> early transmission and reception equipment in Australia. Further
> information at http://tweedhistory.org.au/murwillumbah/radioroom.htm
> [TNX VK2DFC]
>VU - An operation by VU2NXM from Janjira Island is expected to start
> during the weekend. Activity is likely to be for several days with
> multiple operators; island chasers please note that it will not
> count for IOTA as this island does not meet IOTA qualification
> criteria and should not be confused with the qualifying Janjira
> listed in the IOTA Directory.
>ZA - Project Goodwill Albania 2003, the IARU Region 1 supported five-week
> course under the sponsorship of the Minister of Telecommunications
> and in cooperation with the Polytechnic University of Tirana, has
> entered its third week. The Albanian authorities have released the
> callsign ZA1UT (University of Tirana) symbolizing this program and
> the Albanian Amateur Radio Association (AARA) will launch a
> multi-multi effort by ZA1A for the CQ WW DX CW Contest. A special
> event QSL card can be obtained for all callsigns active during this
> program from Project Goodwill Albania 2003, P.O. Box 73, 02380
> Espoo, Finland or via OH2BH. The progress of the entire project can
> be followed on the Internet at http://www.za1a.com [TNX OH2BN]
>ZL - Jonathan, W1CU will operate as ZL/W1CU from Waiheke Island (OC-201)
> from 30 November through 2 December. Activity will be on all bands
> CW and SSB, but Jonathan's operating time will be limited. [TNX OPDX
> Bulletin]
>
>CQ WW DX CW CONTEST ---> The following stations have announced their
>participation in this year's event (29-30 November):

>ZONE	CALL	CATEGORY	DXCC	QSL VIA
>02	VE2IM		Canada	VE3DZ
>05	4U1UN		United Nations HQ	qrz.com
>05	NP3D		USA	W3HNK
>05	VP9I	SOAB LP	Bermuda	KQ1F
>05	VP9/K9CC	SOSB 20m	Bermuda	K9CC
>07	TG0AA	M/S	Guatemala	TG9AXF
>07	TI5N	M/2	Costa Rica	W3HNK
>08	6Y0A	SOSB QRP or LP	Jamaica	WA4WTG
>08	6Y4A	SOSB QRP or LP	Jamaica	WA4WTG
>08	6Y6X	M/2	Jamaica	KN5H
>08	6Y8A	SOSB 80m LP	Jamaica	WA4WTG
>08	6Y9A	SOSB 15m LP	Jamaica	WA4WTG
>08	8P5A	SOAB LP	Barbados	NN1N
>08	CO8LY	SOAB LP	Cuba	EA7ADH
>08	CO8TW	SOSB 160m LP	Cuba	IZ8CCW

>08	FM/T93Y	SOAB LP	Martinique	T93Y
>08	FS/K3LP	M/S	St. Martin	K5KV
>08	J37KF		Grenada	J37KF
>08	J38AA	SOAB	Grenada	WA1S
>08	KP2/N4EXA	SOSB 15m LP	US Virgin Islands	DJ2MX
>08	KP2/OK1TN		US Virgin Islands	OK1TN
>08	NP4Z	SO QRP	Puerto Rico	WC4E
>08	PJ5NA	SOAB	St. Eustatius	K1NA
>08	V26DX	M/S	Antigua & Barbuda	KU9C
>08	V26K		Antigua & Barbuda	AA3B
>08	VP5X	M/S	Turks & Caicos	
>08	WP2Z	M/2	US Virgin Islands	KU9C
>08	WP4F	SOSB 40m	Puerto Rico	WP4F
>08	ZF1A	M/S	Cayman Islands	W5ASP
>09	4M5X	SOSB 20m	Venezuela	W4SO
>09	9Y4ZC	M/2	Trinidad & Tobago	DL1HCM
>09	P40E	SOAB	Aruba	W3HNK
>09	P40R	SOSB 20m	Aruba	NK4U
>09	P40TA	SOAB HP	Aruba	WM6A
>09	PJ2T	M/2	Netherlands Antilles	N9AG
>10	HC8N	M/M	Galapagos Islands	W5UE
>11	PT5A	M/M	Brazil	
>13	CW4A	SOSB 15m LP	Uruguay	EA5KB
>13	CX1JJ	SOAB LP	Uruguay	EA5KB
>13	CX5BW	SOSB 10m HP	Uruguay	
>13	CX7BY	SOSB 20m HP	Uruguay	direct
>13	CX9AU	SOSB 40m LP	Uruguay	KA5TUF
>13	LU5FF	SOSB 10m LP	Argentina	EA7JX
>14	CQ0T		Portugal	CT1ILT
>14	CT8T	SOAB HP	Portugal	bureau
>14	CU2F	SOSB 20m LP	Azores	SM4DHF
>14	EA6IB	M/S	Balearic Islands	
>14	GJ2A	SOAB HP	Jersey	GJ3DVC
>14	GZ7V	SOAB	(Shetlands) Scotland	
>14	LX7I	M/S	Luxembourg	LX2AJ
>14	LX/G3VQO	SOAB LP	Luxembourg	G3VQO
>14	TM5CW		France	F5SJB
>14	TM6X	SOAB	France	F5VHY
>14	TM7W		France	F8BBL
>15	9A1A	M/M	Croatia	9A1A
>15	9H3WW	M/2	Malta	DJ5CL
>15	OH0Z	M/M	Aland Islands	OH5DX
>15	OH5Z	M/S	Finland	bureau
>15	TK9A	SOAB	Corsica	
>15	YT9X	SOSB 20m	Serbia & Montenegro	YU1ZZ
>15	ZA1A	M/M	Albania	OH2BH
>16	UV7M		Ukraine	US5MTJ
>17	EX9A	SOAB HP	Kyrgyzstan	bureau

>17	EY8MM	SOSB 80m	Tajikistan	
>19	RS0F	SOAB HP	Asiatic Russia	W3HNK
>20	J43J	SOSB 20m	Greece	DJ5JH
>20	JY8B	M/S	Jordan	DL5MBY
>20	SV5RDS	SOSB 40m HP	Dodecanese	bureau
>20	TA2IJ		Turkey	
>20	TA3/DK3KD		Turkey	DL5JQ
>20	ZC4T	SOSB 160m	UK SBA on Cyprus	G3AB
>21	A61AJ	M/?	U.A.E.	
>21	AP2ARS	SOAB LP	Pakistan	JA1PBV
>21	AP2AUM		Pakistan	9A4NA
>21	HZ1AB	SOSB 15m	Saudi Arabia	K8PYD
>23	JT1AS	SOSB 10m	Mongolia	
>23	JT1BE	SOSB 10m	Mongolia	
>23	JT1BJ	SOSB 20m	Mongolia	
>23	JT1BV	SOAB HP	Mongolia	
>23	JT1CD	SOSB 40m	Mongolia	
>23	JT1CO	SOSB 80m	Mongolia	
>23	JT1CS	SOSB 15m HP	Mongolia	
>23	JT1DA	SOSB 15m LP	Mongolia	
>23	JT1JA	SOSB 160m	Mongolia	
>23	JT1KAA	SOAB	Mongolia	
>24	B4RF	SOSB 40m HP	China	
>24	BW3/JD1BKQ	SOAB LP	Taiwan	JR3PZW
>24	BW4/UA3VCS	SOSB 15m LP	Taiwan	UA3VCS
>25	D88DX		Korea	DS3FGV
>25	DS0DX	M/S	Korea	HL1XP
>26	E20HHK	SOAB LP	Thailand	E21EIC
>26	HS0ZDY	SOSB 15m	Thailand	
>26	HS4BPQ/9	SOSB 20m LP	Thailand	E21EIC
>26	XU7ACZ	M/?	Cambodia	OM3TZZ
>26	XV2NA	SOAB HP	Vietnam	JE7IDA
>26	XV2PO		Vietnam	N5PO
>27	4D71/N0NM		Philippines	W4DR
>27	AH2R	M/S	Guam	JH7QXJ
>27	V63PF		Micronesia	W5PF
>27	V63WC		Micronesia	WF5W
>28	4W3CW	SO LP	Timor Leste	
>28	9M4JB	M/?	West Malaysia	E21EIC
>28	YB0ECT	SOAB LP	Indonesia	K5ZE
>29	VK6AA		Australia	DL8YR
>29	VK9CJ		Cocos/Keeling Isls	JA1KJW
>31	KH6/KE0UI	SOAB LP	Hawaii	KE0UI
>31	T32WW	M/2	East Kiribati	N0KV
>33	7X2ARA	SOAB LP	Algeria	DF4SA
>33	CN2R	SOAB HP (?)	Morocco	W7EJ
>33	CT9L	M/2	Madeira	DJ6QT
>33	EA8AX	M/?	Canary Islands	Bureau

>33 EA8ZS SOAB HP Canary Islands EA5FV
>33 IG9A (African) Italy
>33 TS7N M/2 Tunisia DL9USA
>34 SU9NC SOAB LP Egypt OM2SA
>35 5U5Z M/M Niger G3SXW
>35 D4B SOAB HP Cape Verde K1BV
>35 D44TD SOSB 20m Cape Verde
>36 ZD8Z SOAB Ascension Island VE3HO
>37 5X1X SOAB LP Uganda K3JT
>38 ZS2DL South Africa direct
>39 TO4WW Juan de Nova & Europa F5OGL
>40 JW5E M/? Svalbard LA5NM
>
>Do not forget to give a look to the list of announced operations maintained
>by Bill, NG3K at http://www.ng3k.com/Misc/cqc2003.html
>A collection of QSL routes will be published on http://www.contesting.info on
>4 December thanks to Zik, 4N1DX (DL/VE3ZIK).
>_____
>
>
> ==========
> *** 4 2 5 D X N E W S ***
> **** GOOD TO KNOW ... ****
> ==========
> Edited by I1JQJ & IK1ADH
>
>DXCC NEWS ---> Contacts made with E4/G3WQU through the end of 1999 are now
>accepted for DXCC credit.
>
>QSL 5H3RK ---> Ralph, VK4VB (5H3RK) will be working in the US for the next
>2-3 years. His current address is Ralph Karhammar, 1306 34th Street NW,
>Washington, DC 20007-2801, USA. [TNX K1XN and The Golist]
>
>QSL MD0BXX ---> Dave reports he has moved to Cyprus; if anyone still needs a
>card for MD0BXX, his new permanent address is: David Walton, Kissonerga Sea
>View C003, No3, Yianni, Irodotou Street, 8574 Kissonerga, Cyprus.
>
>QSL YI/ON5NT ---> Ghis will be back home on 20 December and the QSL cards
>should be ready by that time. He expects to process and mail them out
>immediately. QSL to Ghis Penny, P.O. Box 93, BE-9700 Oudenaarde, Belgium.
>[TNX ON5NT]
>
>NOT THE MANAGER ---> Danny, LZ2UU is not and has never been the QSL manager
>for ZA1MM. According to Wally, LZ2CJ the "unknown operator using the callsign
>ZA1MM" is a pirate.
>
>NOT THE MANAGER ---> Artur, SQ5TA reports he is still receiving cards for
>R1ANF, but he is not the QSL manager for this station. He can only confirm

>contacts made with R1ANF/HF0POL (2002).
>
>NOT THE MANAGER ---> Alvaro, PY3CQ reports that PY3UEB (Radio Club Baependi)
>is receiving "countless cards" for 5X1DC. Please note that the correct route
>for the February 2003 5X1DC operation is via DL7AFS.
>
>+ SILENT KEY + Bill "Pick" Pickard, WA5PAE became a Silent Key on 23 November
>at 68 years of age. Pick had a distinguished military career in the US Air
>Force and was an avid DXer throughout his life. He operated from Germany as
>DL4IZ and for the past three years he made three DXpeditions to Guantanamo
>Bay where he operated as KG4IZ. In 2002, Pick was elected vice president of
>INDEXA and continued in that capacity until his death. [TNX AA7UC]
>____
>
>   ============================
>   *** 4 2 5 D X N E W S ***
>   *** NEWS FROM THE WEB ***
>   ============================
>   Edited by I1JQJ & IK1ADH
>
>AUCTION: Maurizio, IZ1CRR/I1-21171 has put up 37 different QSL cards for
>   YASME expeditions for auction on Ebay
>   (http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=2205633809&ssPa
>   geName=ADM E:B:LC:US:1). The proceeds will be donated to the
>   February 2004 DXpedition to Tokelau [425DXN 653].
>BQ9P: The Pratas 2003 web site now includes the DXpedition story
>   (http://www3.ocn.ne.jp/~iota/newpage64.htm). [TNX JI6KVR]
>LOGS: Logs for the recent activity from Soan Island (AS-085) [425DXN 651]
>   are now available at http://ds2goo.karl.or.kr/log.htm [TNX DS2GOO]
>____
>
>   ============================
>   *** 4 2 5 D X N E W S ***
>   ******* QSL INFO ********
>   ============================
>   Edited by I1JQJ & IK1ADH
>
>===
>CALL   MANAGER   CALL   MANAGER   CALL   MANAGER
>===
>3A50ARM   bureau   IQ3AZ/P   IV3WMI   TY4JM   ON4JM
>3G2D   CA2WUI   J38AA   WA1S   TZ6JA   JA3EMU
>4J6ZZ   UT3UY   J59OFM   IZ3BIY   UE9XXX   RV9XX
>4N25K   YU1SB   J88DR   G3TBK   UN5A   DL8KAC
>5B4/RA3AMG RA3AMG   JY8YB   DL5MBY   UN7MO   EA7FTR
>5B4/RA3CQ   RA3AMG   JY9NX   JM1CAX   UN7TX   RW6HS
>5B4/RN3QO   RN3QO   KH0/JR1GSE JR1GSE   V26K   AA3B
>5B4AHB   LA8LA   KH6/KE0UI   KE0UI   V31JP   KA9WON

```
>5H6BA/P     DL4MMT      KH7U/KH5    KH7U        V63PF       W5PF
>5H6IZ/P     DL4MMT      KK2H/KH2    JL1UXH      V63WC       W5PF
>5N0HVC      OK1DXE      KL7USI      KL7JR       V8AQZ       IZ8CCW
>5N6NDP/9    IK5JAN      KP2/AB2E    AB2E        VC3AT       VE3AT
>5U7LF       KY7M        KP2/K2ZZ    W1QJ        VK7TS/P     VK7TS
>5U7MF       KC7V        KP2/K3TEJ   K3TEJ       VK9CJ       JA1KJW
>5U7WP       G4BWP       KP2/OK1TN   OK1TN       VK9CV       JA1KJW
>5X1X        K3JT        LU1ECZ      EA5KB       VP5/KY1V    OH3RB
>6K0HG       DS2CYO      MJ0AWR      K2WR        VP8/LZ2UU   LZ2UU
>7Q7RS       IW9BBX      N1VF/KH2    JL3SIK      VP8DGA      G0WJN
>8P6SH       KU9C        OM9AMI      SP8MI       VP9BO       W4ZGR
>8Q7JE       JA1KAW      P40E        W3HNK       VQ9JC       WB9IHH
>8Q7KO       HB9KOF      P40K        WM6A        WA6O/6Y5    WA4WTG
>9A4PN       N4PN        P40NJ       K2TB        WP2Z        KU9C
>9A5PC       NF4A        P40TA       WM6A        XU7ACG      7N4QHA
>9G5ZZ       DL1CW       P40X        W0YK        XU7ACZ      OM3TZZ
>9H3GP       HK3SGP      P49MR       VE3MR       XU7ADA      OM3TA
>9J2GS       PA3CPI      PJ2/NH7C    KQ3F        XU7ADB      OM1ATT
>9J2KC       JL1NKC      PJ2P        KQ3F        XU7ADC      OM1KW
>9M0SEA      E21EIC      PJ4/PA3CNX  PA3CNX      XV2PO       N5PO
>9N7AU       JA2AAU      PJ7/N7DD    W7RJ        YA1BV/P     JA1PBV
>9N7LN       JA2ALN      PJ7/W3ARS   N3TOG       YA1D        JG1OWV
>9N7SZ       JA9LSZ      R1ANB       RU1ZC       YA1RS       ZL1RS
>9N7WE       SP9FIH      RZ3BY/0     UA3DX       YA4F        G4KUX
>9Y4/DJ7ZG   DL7AFS      S9SS        N4JR        YB1HDF      EA5KB
>9Y4/DL7AFS  DL7AFS      SU9BN       EA7FTR      YC0IEM/7    IZ8CCW
>A22BP       7M1WBP      SV5/SM8C    SM0CMH      YC8RRK      YB9DU
>A71EM       LZ1YE       SX8E        SV1EQU      YI/N3YPI    N3YPI
>AA1NY/KH2   JA4CZM      T32KV       N0KV        YI1DZ       WA4JTK
>C31VQ       EA2NA       T32MP       N0KV        YI9DAZ      M3SDE
>CN8MC       DL4ZBC      T32N        KE4RHU      YI9X        OM3JW
>CO2CI       WD4OIN      T32TF       KT0F        YL85GQT     YL2GQT
>CU3DJ       K3PD        T32WW       N0KV        YL85TW      YL2TW
>D2PFN       KK5DO       T32YL       N0WBV       YL85XN      YL1XN
>D44TT       K1BV        T32ZA       W0ZA        Z22JE       K3PD
>EV60OG      EW8ZZ       T32ZM       N0ZM        ZA/K7ZV     OH2BH
>EX7ML       DL4YFF      T8HRC       JA1OZK      ZA/NA7DB    OH2BH
>FS/K3LP     K5KV        TA2ZF       UT2UB       ZA/WA6CDR   OH2BH
>FS/N7DD     W7RJ        TM5CW       F5SJB       ZA/WF5T     OH2BH
>FS/W3ARS    N3TOG       TM7W        F8BBL       ZA1A        OH2BH
>FS5UQ       W7RJ        TO4E        F5OGL       ZA1UT       OH2BH
>HC8N        W5UE        TO6M        F6AUS       ZD8Z        VE3HO
>HE2GR       HB9DOT      TP6CE       F5LGF       ZF2AH       W6VNR
>HI3TEJ      ON4IQ       TS7N        DL9USA      ZF2AM       K6AM
>HJ0KPG      EA5KB       TU0PAX      TU2CI       ZK1/AC4LN   UA4WHX
>II1D        IZ1CCE      TU2OJ       F5IPW       ZK1USN      K6USN
>_____________________________________________________________________________
>
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>
>   ============================
>   *** 4 2 5 D X N E W S ***
>   ******* ADDRESSES *******
>   ============================
>   Edited by I1JQJ & IK1ADH
>
>CA2WUI   P.O. Box 1037, La Serena, Chile
>CU9AC   Joao Medeiros da Camara, Estrada para o Caldeirao, 9980-028 Corvo,
>   Azores, Portugal
>DF4SA   Cornelius Paul, Adelberger Weg 3, D-73104 Breech, Germany
>DL7AFS   Baerbel Linge, Eichwaldstrasse 86, D-34123 Kassel, Germany
>F5OGL   Didier Senmartin, P.O. Box 7, 53320 Loiron, France
>HK3SGP   Francisco Hennessey, Jet Box 9779, P.O. Box 02-5242, Miami, Florida
>   33102-5242, USA
>JA1KJW   Nakayama Hisashi, 1-17-8 Shibuya, Yamato, 242-0023 Japan
>JA2AAU   Kanno Noboru, 1785-61 Shikata, Shikatsu, 481-0004 Japan
>JA2ALN   Takashi Yamada 1-90 Nishishiga, Kita-ku, Nagoya, 462-0058 Japan
>JA9LSZ   Yasuhiro Yahara, P.O. Box 111, Fukui, 910-8691 Japan
>JG1OWV   Masahiro Wada, 391-C-1204, Shibacho, Kanazawa-ku, Yokohama 236-0012,
>   Japan
>JL3SIK   Yoshiro Nishimura M.D., 2-6 Takemidai 4-Chome, Suita City, Osaka
>   565-0863, Japan
>JM1CAX   Koji Tahara, 4-2-3 Sagamiono, Sagamihara 228-0803, Japan
>SP8MI   Wojtek W. Gello, P.O. Box 27, PL 38-700 Ustrzyki Dolne, Poland
>SP9FIH   Janusz Wegrzyn, P.O. Box 480, 44-100 Gliwice, Poland
>ZS1SALT P.O. Box 273, Strand 7140, South Africa
>***
>
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>
>***
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>   subscribe 425ita (for the Italian version)
>   in the SUBJECT (leave the body of the message blank)
>
>
>***
>
>____
>   DX SPOTS ON YOUR CELLULAR PHONE AT: www.smscluster.org
>

>Mauro Pregliasco (i1jqj@425dxn.org) * Maury Bertolino (i121171@425dxn.org)
>_____
>
>
>

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: http://www.n4xy.com

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Thu, 27 Nov 2003 19:01:23 -0500
From: Rick McKee <kc8aon@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [161998] Re: New Kit Announcement - Brass Paddle Kit
Message-ID: <20031128.173513.10126.1.kc8aon@juno.com>

Where can one see the paddles at ?

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW-20+, SW-30+, SW-40+, Norcal BLT, Yaesu FT-7,
QRP-L #2112, FPqrp #33, AR QRP, AmQRP, Ohio Valley Fists, Zombie #718

For info on MQFD, go to: http://www.smartgroups.com/groups/mqfd
I'll give up CW & QRP when I'm dead !   MAYBE ! dididididadidah

_____
The best thing to hit the internet in years - Juno SpeedBand!
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Date: Fri, 28 Nov 2003 17:56:20 -0500
From: "Royce Simmons" <w2rbn@frontiernet.net>
To: <qrp-l@Lehigh.EDU>
Subject: [161999] Power Connector
Message-ID: <000c01c3b602$d6b853e0$6402a8c0@Belkin>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi,

This is probably not available anywhere but on the off chance it might be
here is my question:

Does anyone know of a source for the power connector for the LM frequency
meter? Mine disssapeared when my house burned but the LM
made it just fine.

Thanks all,

Royce

Date: Fri, 28 Nov 2003 23:08:51 +0000
From: Chuck Adams <k7qo@commspeed.net>
To: qrp-l@lehigh.edu
Subject: [162000] [AZpad] While waiting for the paddle
Message-ID: <5.2.1.1.0.20031128224755.00b47a98@mail.commspeed.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

While you are awaiting the arrival of your paddle, as some have
already posted so things they have done such as going to Home

Depot, Lowe's, True Value, ACE, etc.

1. If you want a finish like the German Shurr paddles, I recommend you have ready a sanding block, #150 grit sandpaper, and some scrap lumber with a paint stick (clean). I'll put some pics on the web page on Sunday to show you what I mean. You'll use the small piece of scrap lumber and the paint stick (free from Home Depot the next time you are in there) to make a fixture to hold the base and the arms while sanding. The posts you can do with your glove covered hands.

2. If you are like me, you have probably upgraded the cdrom drive in your system to DVD+/-R/RW (Fry's put one on sale for today only for $79.99 :-( ) or some other critter. There comes with the new drive a 3-wire cable about 57cm long. See if you have a spare one around. They make great connecting cables for the small and large paddles. Just cut off the connectors and replace one end with a 3.5mm (1/8") plug and the other end you will solder to the connectors on the paddle. Been there. Done that. Remember which lead is the dit and which is the dah..... If you are running QRO then you may want to go with a shielded cable for obvious reasons.

3. And isn't it about time you built the NorCal keyer that you have been storing on the bench or in a drawer some where? NOTE: for those that can program the PIC chips. There is an article in the December issue of QST with a picokeyer using the 12F629, the same chip as is in the NorCal keyer.....

4. And would you do me a favor? Jot down what clear coating you use on the brass and the date. Then check the paddle once in a while to check for separation from
the brass (delamination). I'd be interested in seeing how long the coating lasts. I went through several coats on the brass racers until I settled on a Brass Clear Coat from Park's that I got at ACE Hardware ($3.49 a can).

I have tried for years and years to get some people to lighten up on the touch on paddles. With not much success I must add. The bug did a lot to ruin some good fists. But you will be happy to note that the little feet that Jerry chose for the base have a real good coefficient of friction with just
about any surface and you can slap the paddle pretty hard and still not have it move around the desk. I hope to find a bunch of the feet and start using them on all the homebrew cases..... FYI

Enjoy,

Chuck Adams K7QO   k7qo@commspeed.net
http://www.qsl.net/k7qo   CP-60

Moving to Arizona? Please bring your own water.

Date: Fri, 28 Nov 2003 16:14:47 -0700
From: "Dick Housden, W0NTA" <housden@comcast.net>
To: <qrp-l@lehigh.edu>
Subject: [162001] Re: More Items For Sale
Message-ID: <000301c3b605$6b030e80$0bc40918@yourtarbvp550m>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="Windows-1252"
Content-Transfer-Encoding: 7bit

This is a repost of an earlier listing. The link did not work.

I have more items for sale including an Elecraft K2, Icom IC-706MKIIG,
LDG AT-11 auto tuner, BLT QRP antenna tuner with the new aluminum case,
and my old Johnson Matchbox antenna tuner. These are all listed and shown
on my website at:

<A HREF=http://home.comcast.net/~housden/welcome.htm</A>

There are also images there of the NorCal 40A and the Small Wonder Labs
DSW-II 20.

Thanks for looking.

72, Dick, W0NTA
Greeley, CO

Date: Fri, 28 Nov 2003 17:24:12 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Bruce Kizerian" <kizerian@xmission.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [162002] Re: weller wtcpt question..
Message-ID: <001701c3b5fe$5ac9c880$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;

```
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> >Don't blame the iron when it's the operator trying to use it outside of
> > it's
> > design qualifications.
>
>
> In 40 years of R&D and product development this is one of the poorest
> excuses for an iron I have encountered. Even with the no 8 tip it is
much
> too slow for production work--unless of course you are an inexperienced
> solderer and need a crutch in order to solder. It is the giant
kindergarten
> crayon of soldering irons.
>
> I say this knowing that it is likely to provoke, but that's my
experience.
>
> Bruce kk7zz

Well, I've worked on a production line for a time as a favor...  Long
story.  And the WTCPT station with a 700 degree tip was my iron of
choice for putting in 'dip' parts.  Used with good production solder
(not the cheap stuff most people pick up) I could walk down a dip
chip that I had taken out and the new one installed in just seconds.

Of course, there's better irons.  I had an East German iron that was
no bigger than an number 2 pencil, and looked like a piece of 14ga
wire for a tip, that was beautiful.  IF you would put up with a new
tip ever few hours, and the initial +$800 price tag (back in 1984).

And, for an R&D bench I'm sure you'd spend much more than a
WTCPT iron goes for.

And granted, with today's circuitry getting smaller and more compact,
the WTCPT is finding itself a 2 lb sledge in a drawer populated by
small engraving hammers, but it's still not a bad iron.

Oh, I've NEVER used a number 8 tip, other than to try it, realize how
it worked, and put it in the drawer never to use again.  That's the
earmark of someone who doesn't understand how the 'system'
works, and tries to compensate for it by just boosting temp instead
of wattage or correct technique.

If you can't use it, I would venture to say it's YOU who doesn't know
how to solder.
```

Date: Fri, 28 Nov 2003 16:42:54 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [162003] Re: New Kit Announcement - Brass Paddle Kit
Message-ID: <Pine.LNX.4.44.0311281639360.4687-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 27 Nov 2003, Tayloe Dan-P26412 wrote:

> I saw these paddles at the last meeting and placed my order in right then. The pictures
> I have seen on the web do not do justice to the ones that I have seen.

Hi Dan, I agree that the hard spring is the right one. I like to set the contacts as close as possible too.

>
> The paddles have a very good feel. Some paddles I have used in the past are sloppy
> and have a lot of play in them, which makes it difficult to get a close contact spacing
> without the keyer getting stuck closed once in a while. I really hate that! These paddles
> seem very mechanically tight. At the meeting, Jerry had three different spring sets: soft,
> medium and hard. Different folks seemed to prefer different springs. I really like the hard
> spring as it allowed me to set the key spacing very, very close, so only a light touch was
> needed to key it. I don't know what the paddles are being shipped with, but there was a
> talk of selling a spring set for a minimal cost (springs are expensive!).
>
> Being a Az ScQRPion member, I am somewhat biased, but never-the-less, I was very impressed.
>
I have the letter on the way. And I'm proud to be a ScQRPion!

> - Dan Tayloe, N7VE; Phoenix, Az; Az ScQRPions
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Fri, 28 Nov 2003 16:56:07 -0700
From: "Bruce Kizerian" <kizerian@xmission.com>
To: "Mike Yetsko" <myetsko@insydesw.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [162004] Re: weller wtcpt question..
Message-ID: <00cb01c3b60b$311a2b80$b30646a6@98seoem>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> If you can't use it, I would venture to say it's YOU who doesn't know
> how to solder.

I know how to solder--just not impressed with the iron. I've done
production, too. The thing just slowed me down. Kind of a nasty comment
there. Sorry if I offended. I try to keep it civil from now on. After all,
if everyone had the same opinion about stuff it would be a dismally boring
world indeed.

Bruce kk7zz

Date: Fri, 28 Nov 2003 19:03:11 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [162005] Re: weller wtcpt question..
Message-ID: <200311281903.11922.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
  charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

On Friday 28 November 2003 02:30 pm, Bruce Kizerian wrote:
> I found the wtcpt, even with the no. 8 tip (800 degrees), to be
> unacceptable for Mahattan stlye building. I just could not get good flow

> when I soldered directly to the ground plane. There are quite a few better
> irons for less money. I was very disappointed in this product.
>
> Bruce kk7zz
> www'elmerdude.com

Funny as I use the 700 degree tip and do this all the time. Hmmmm.....maybe ya
got a bad tip or magnetic swithc assembly ?

Bob
w9ya

Date: Fri, 28 Nov 2003 19:04:10 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [162006] Re: weller wtcpt question..
Message-ID: <200311281904.10501.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
  charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

On Friday 28 November 2003 04:45 pm, Lee Hopper wrote:
> Hi, Sergio -
>
> Dunno if you know this already, but a small tin of tip cleaner is really
> handy. They're available at Rad Shack for about $5.00 - keeps that tip
> really *shiney*
>
> 73 -
>
> Lee, NB7F

I just spit on my fingers and roll the tip thru them.....

Really, I do.......

72;

Bob
w9ya

>
>

> ----- Original Message -----
> From: "sergio" <sergio@village-buzz.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Friday, November 28, 2003 9:43 AM
> Subject: weller wtcpt question..
>
> > i am about to start soldering, but i have a question..
> >
> > all my life, i have used generic $5 soldering irons. this is the first
> > real
> > soldering station i have had..
> >
> > can anyone tell me how the temperature is set on this iron?
> >
> > i am guessing it is the tip that gauges the temperature..
> >
> > i pulled the tip out of mine, and it has a "7" marked on the bottom..
> >
> > does this mean 700F?
> >
> > thanks!
> >
> >
> > ___
> > peace,
> > sergio
> > www.village-buzz.com - read my sexy blog!
> > www.coffee-black.com - photography....
> > http://www.coffee-black.com/join.htm <-- Join Picture of the Day!
> >
> > phone ... 419 606 0557

Date: Fri, 28 Nov 2003 19:39:42 -0500
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [162007] keys
Message-ID: <005201c3b611$47bd6680$c239ca44@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

  I have just one small problem with "keys".. !!!
 I want (need) a key with a single paddle, cuz I'm not into
 this so-called "squeeze" keying thing. !! I've used a

dual key type thing and don't like it.!! I'm from the "old" school and have a "tick one" and that's all I feel I need.l!!
I'm an "old-timer " and don't need 30+ wpm. my old fingers can't do it anymore!!!!
If there are any of you out there who appreciate the situation please let me know.!!!
I'd be as happy as a new novice, (which I was once was) , but can't do it any more
carl / kz5ca

Date: Fri, 28 Nov 2003 19:53:26 -0500
From: "Tim Jones" <k9nx@insightbb.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [162008] RE: New Kit Announcement - Brass Paddle Kit
Message-ID: <NHBBKHEIMLCJPDBPJIMMCEJLCCAA.k9nx@insightbb.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Tnx to all for the help

K9NX
Jonesy

Date: Fri, 28 Nov 2003 19:59:02 -0500
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [162009] Key
Message-ID: <005a01c3b613$fadfa320$c239ca44@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have to envy those who can order something instantly, and be gratified by

it.!!!! I want a decent key, but I simply can't afford it, or for that
matter , can't even find one !!
 I need "or would to find" a single paddle key to use with my "tick one '
..!! beyond that , forget it.!! 10-15 wpm   at the very most is all I can
manage any more.!!! If you want any more than that ask youself if are you a
"real " ham or just a
  swelleled head "hunter."
  Hate to say it, but that's the way it is.

        carl /' kz5ca

Date: Fri, 28 Nov 2003 21:32:46 -0500
From: "Lawrence Makoski" <Makos327@worldnet.att.net>
To: <kizerian@xmission.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [162010] Re: weller wtcpt question..
Message-ID: <01f101c3b621$14056620$e8f74b0c@larrysahyqy001>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

And in 25 years of repairing professional photographic studio strobes
(generators of up to 6400J of flash energy), I have found the Weller
WTCPT series to be the finest I have ever used.

I guess opinions ARE like noses - everyone has one and no two are alike.

73 de Larry W2LJ - Vivat Morse!

W2LJ@arrl.net
http://www.qsl.net/w2lj

ARRL Lifemember QRP ARCI #4488   NJQRP #47
FISTS #1469 QRP-L #778   FP #612 QRPp-I #759
ARS #1528 --- K1 #1647 --- AmQRP, CQC #746

Date: Sat, 29 Nov 2003 02:36:27 -0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [162011] Re: weller wtcpt question..
Message-ID: <Law15-DAV51VPFG3FMC00005c2d@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="Windows-1252"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Bruce Kizerian" <kizerian@xmission.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, November 28, 2003 10:26 PM
Subject: Re: weller wtcpt question..

> >Don't blame the iron when it's the operator trying to use it outside of
> > it's
> > design qualifications.
>
>
> In 40 years of R&D and product development this is one of the poorest
> excuses for an iron I have encountered. Even with the no 8 tip it is much
> too slow for production work--unless of course you are an inexperienced
> solderer and need a crutch in order to solder. It is the giant
kindergarten
> crayon of soldering irons.
>
> I say this knowing that it is likely to provoke, but that's my experience.

I'm treating myself to the ultimate in soldering equipment, a refurbished
Metcal SSTV. I'm getting this for fine-pitch devices and general SM work.
It's not very expensive - 180 GBP.

It uses RF at 13.5 MHz so I might be able to retune it for 20 m and have a
few QSOs while I work. 8-)

73, Leon
--
Leon Heller, G1HSM
Email: aqzf13@dsl.pipex.com
http://www.geocities.com/leon_heller

Date: Fri, 28 Nov 2003 20:16:53 -0600

From: goemans <jgoemans@wisc.edu>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [162012] Logikey keyer for sale
Message-ID: <003d01c3b61e$dba5b4d0$b6366880@PAUL>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Hello all,
  I have for sale an almost-mint looking Logikey K-1 for sale. This is the factory-built version of the Idiom Press CMOS Super Keyer II kit that was available in the 90's. It has the updated (v2) firmware. It looks exactly like the present model K-3 but only has 4 memory buttons on the top of the case. The four soft-sectored memories total 220 characters. Runs off external 12 volts DC or an internal 9v battery which lasts for YEARS by use of an ultra-low-quiescent current Maxim MAX663 regulator IC. Even has an "aux" jack bringing the paddle and memory button connections out the back panel.
  If you have ever used an Idiom Press CMOS keyer, you know what these babies can do. If not, you don't know what you're missing!
All documentation is available for download at the Idiom Press website, I don't have the manual. But hey, the command set is even silk-screened on the bottom of the case! Shipped to you in conUS for $75.00.

Paul R Goemans WA9PWP
Stoughton, WI 53589

Date: Fri, 28 Nov 2003 20:30:36 -0600
From: "George, W5YR" <w5yr@att.net>
To: "Karl Larsen" <k5di@zianet.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [162013] Re: MFJ 259B
Message-ID: <057901c3b620$c97877f0$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

C'mon, Karl . . .

Before you declare the procedure as "stupid" learn about it, understand it and then decide.

Frank's procedure is mathematically sound and practically useful. It yields results which are mathematically correct with bounded error and which agree with direct measurements, which Frank has also made and published.

Perhaps I failed to make clear that after setting the tuner for 50+j0 ohms at the input with a 50-ohm resistive load, one does NOT change the tuner settings when switching to the 25 and 100 ohm loads. Thus, the rho, RL and SWR for the 25 and 100 ohm loads will differ only if the tuner has loss, since for a lossless device, the rho for 25, and 100 ohm loads is the same: 0.33.
Rho at the input for the 50 ohm load is, of course, zero because we adjust the tuner to make it so.

But just as lossy transmission line will show a different (lower) SWR at the input than is present at its load end, a lossy tuner will show a difference. There are mathematical relationships between the changes in rho, RL and SWR and the amount of loss presented by the tuner. The basis for this can be found in the ARRL Antenna Book under the discussion of lossy transmission lines.

For a lossless tuner, the rho measured at its input should be 0.33 for either the 25 or 100 ohm load. If the tuner is lossy, the measured rho will be different and that difference can be used to calculate the loss. Similarly, RL and SWR will be different and formulas can be derived using those as variables to determine loss.

Rho, RL and SWR are all equivalent quantities with which any one can be determined if either of the other is known. For example, Return Loss is given by -20 times the log of rho.

All that we are doing in the first step is making the tuner look like a piece of 50-ohm transmission line. The succeeding two steps then measure the loss in that virtual line by determining the change in rho, RL and SWR that the loss causes when the load is changed.

This is not rocket science - just a clever application of a concept that we all know: loss in any device, such as a tuner or transmission line, changes the reflection coefficient seen at its input from that present at its output. What Frank has contributed is all the messy algebra to provide us with convenient formulas and a quick, easy test procedure.

73, George W5YR

----- Original Message -----
From: "Karl Larsen" <k5di@zianet.com>

To: "George, W5YR" <w5yr@att.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, November 28, 2003 8:01 PM
Subject: Re: MFJ 259B

>
> On Wed, 26 Nov 2003, George, W5YR wrote:
>
> >
> > ----- Original Message -----
> > From: "Karl Larsen" <k5di@zianet.com>
> > To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> > Sent: Wednesday, November 26, 2003 6:51 AM
> > Subject: Re: MFJ 259B
> >
> > <snip>
> >
> > > So I wonder how he did the measurement.
> >
> > The procedure is to put a 50 ohm resistive load on the tuner output and
with
> > the 259B or similar instrument, adjust the tuner for 50+j0 input
impedance.
> > Then the load is changed to 25 ohms and the rho or RL or SWR or all of
them
> > are recorded. Then the load goes to 100 ohms and the parameters for that
> > load are recorded.
>
> That is stupid George! Anyone who uses a tuner tunes it up so
> "the load" is transformed to as near 50 +j0 as you can get. I can't
> believe anyone did that!

Date: Fri, 28 Nov 2003 20:37:13 -0600
From: "Aartec" <aartec@dwx.com>
To: "qrp-l@Lehigh. EDU" <qrp-l@Lehigh.EDU>
Subject: [162014] =?iso-8859-1?Q?Preliminary_FOX_Log_--_W=D8PWE?=
Message-ID: <000201c3b621$b2939be0$68dfcecf@b6v6o9>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here is a preliminary log from the FOX HUNT of 26 Nov 2003 UTC. The band was
in pretty good shape for a change and we had a nice group of hounds to keep

us busy for at least the first hour. About 70 pelts were given out in the first hour. The second hour was pretty slow with roughly 20 pelts but still a lot of fun. Looks like the total including the two foxes and excluding a couple of dupes is 93.

I would like to say thanks to all the hounds who stopped by and made the hunt so much fun. Also a big thanks to John Burnley, NU0V for his help with logging, listening, and hunt operation.

Please check your entry below and let me know if I have made any mistakes.
72, Jerry - W0PWE

UTC	Call	RST	SPC	Name	Power
0200	AC7A	559	AZ	TOM	5W
0201	KB2FEL	559	NY	BOB	5W
0201	K9UT	559	IN	Jerry	5W
0202	AC5JH	599	OK	TOM	5W
0203	W2AGN	579	NJ	JOHN	5W
0204	W5YR	559	TX	GEORGE	5W
0204	N4ROA	559	VA	DAN	5W
0205	KT5V	559	TX	DAVID	5W
0205	N3BJ	559	VA	ALAN	5W
0206	WB8YYY	559	MN	CURT	5W
0207	K5DW	559	TX	DON	5W
0209	KK5LD	559	TX	DAN	5W
0210	W4FOA	559	GA	TONY	5W
0211	AD6JV	559	VA	BILL	5W
0211	W5TB	559	TX	DOC	5W
0212	K2ZN	579	NY	AL	5W
0213	KR0U	559	CO	TIM	5W
0213	W5HNS	559	TX	HENRY	5W
0214	K3ESE	559	MD	LLOYD	5W
0214	N0TK	579	CO	DAN	5W
0215	N5ZE	559	TX	LEW	5W
0216	W0NTA	559	CO	DICK	5W
0217	AA7EQ	559	AZ	BOB	5W
0217	AF4PP	559	GA	CHUCK	5W
0218	K0EVZ	579	NM	DOC	5W
0219	WA8BXN	559	OH	MIKE	5W
0220	AJ4AY	559	AL	JAY	5W
0220	AG0T	559	ND	TODD	4W
0221	N8VAR	559	OH	RON	5W
0222	NK6A	559	CA	DON	5W
0223	K3PH	559	PA	BOB	5W
0224	K8DD/M	549	MI	HANK	5W
0224	N4DD	559	TN	DENNIS	5W

0225	AB9CA	559	AL	DAVE	5W
0226	K5JHP	559	TX	BILL	5W
0226	KC1FB	559	CT	JIM	5W
0227	KL7V	559	OK	SAM	5W
0228	K1VP	559	NH	ED	5W
0229	KV2X	559	NY	TOM	5W
0230	K5PSH	559	TX	JERRY	5W
0230	W5USJ	559	TX	CHUCK	5W
0231	K8CV	559	MI	WALT	5W
0232	AG4PJ	559	AL	DAVE	5W
0232	KG0PP	559	CO	JIM	5W
0233	K5IC	559	NM	AUDIE	5W
0234	WS4S	559	TN	CONARD	5W
0235	K6VNX	559	CA	ARLEN	5W
0236	KN5L	559	TX	JOHN	5W
0237	K8KFJ	579	WV	GARY	5W
0238	KI0II	579	CO	RON	5W
0239	K4JPN	579	GA	STEVE	5W
0240	KD5KXF	559	TX	MIKE	5W
0241	W7ILW	559	AZ	WALT	5W
0242	AA50	559	LA	VERN	5W
0243	NV4V	559	KY	PETE	5W
0244	W8KC	579	MI	PAUL	5W
0245	K6XR	559	CA	REGGIE	5W
0246	K4GT	559	GA	JIM	5W
0247	K5EOA	559	LA	WAYNE	5W
0248	W5KDJ	559	TX	WAYNE	500MW
0249	WA2TDL	559	NY	RICK	5W
0251	AB0CD	559	CO	DICK	5W
0252	VE4WI	559	MB	CRAIG	5W
0253	K3RXM	559	PA	FRANK	5W
0254	K2TER	559	NY	BILL	5W
0254	K8MIA	559	WV	JIM	5W
0258	K4ADI	559	SC	FRANK	5W
0258	K0QD	559	CO	HUGH	5W
0259	KD5S	559	TX	RON	5W
0300	AK7Y	559	AZ	GREG	5W
0303	KG6WP	559	LA	WARD	5W
0304	AK5X	559	TX	BILL	5W
0305	W2LJ	559	NJ	LARRY	4W
0306	KC9LC	559	VA	RANDY	5W
0308	KG4LDY	559	VA	JIM	5W
0309	K5DI	559	NM	KARL	5W
0311	VA6RF	559	AB	EARL	5W
0315	KO1M	559	VA	MIKE	5W
0318	W9JOP/4	559	VA	BOB	150MW
0321	K4TU	559	SC	ALAN	3W
0327	N5IB	559	LA	JIM	5W

0328	KD5UDB	559	LA	CHRIS	5W
0329	NN5E	559	TX	VERN	5W
0331	W6AZ	559	CA	RON	5W
0335	WB8WTU	559	OH	DENNIS	4W
0339	K5SR	559	TX	DALE	5W
0345	VE3ELA	559	ON	KEN	3W
0346	VE5RC	559	SK	BRUCE	5W
0351	W4NJK	559	CA	CHARLIE	5W
0355	VE3PLP	439	ON	JIM	5W
0357	WA9TZE	559	WI	JIM	5W
0400	NIFN	XXX	CO	FOX	5W
0400	W0PWE	XXX	IA	FOX	5W

Date: Fri, 28 Nov 2003 21:44:06 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: kizerian@xmission.com,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [162015] Re: weller wtcpt question..
Message-ID: <6.0.0.22.2.20031128213622.01ed5028@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Bruce... I have to add one last comment: I have seen literally HUNDREDS of MIL-SPEC, space-flight-qualified, production soldering positions, at more than one company, all using WTCPTs. This went on for years, until the WTCPTs were succeeded by the temp-controlled version I now own, the EC-2002, and others.

We're all entitled to our opinions however, and I simply disagree with yours about WTCPTs. Never meant to impugn your soldering abilities or knowledge.

We've just had different experiences.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: http://www.n4xy.com

All emails <IN> & <OUT> checked by

Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Fri, 28 Nov 2003 20:05:16 -0700
From: "Ron KU7Y" <ku7y@tds.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [162016] Re: Key
Message-ID: <003d01c3b625$a3504da0$11910b45@ku7y>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi carl,

You said:

> 10-15 wpm   at the very most is all I can
> manage any more.!!! If you want any more than that ask youself if are you a
> "real " ham or just a swelleled head "hunter."
> Hate to say it, but that's the way it is.

While there is nothing wrong with 10-15 wpm there is also nothing wrong with
speeds greater or less than that.

We all play with CW at speeds that are fun for us. Some of up push ourselves
now and then while others don't and that's fine too.

But don't ever kid yourself about the use of speed as a gauge of proficiency.

With everything else being equal, speed is the only gauge left.

And you could hold everything equal except QRM to see who has the best skill in digging a signal out.

The most proficient operator would be the one with the best score in all categories which would include just about anything you wanted to think about! This would include copying poorly sent CW as heard from some bugs! :-)

Heck, I remember when the old saying was that anyone could copy machine sent CW, like the ARRL put out but that it took true skill to copy "real" people on the air. This was in the days before keyers and back when you could recognize your friends from their sending.

Then there was the chirp, hum, buzz, clicks, drift and analog dials! :-) And even some good 300 VDC tingles now and then..... Ahhhhh, the gud ole daz......

OK, back in my hole.....

73,

Ron, KU7Y
ku7y@qsl.net
Brenda, AZ (or somewhere close!)
http://www.qsl.net/ku7y
http://www.BrendaJamFest.com

Date: Fri, 28 Nov 2003 22:14:12 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: Makos327@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [162017] Re: weller wtcpt question..
Message-ID: <3FC80F04.1E4F8AA5@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Actually in this case they are not. The WTCPT station was the standard of the aerospace industry almost from the inception of soldering station use. They continued to be the standard through the mid-80's.   Even the military used an olive drab kit that was a WTCPT in a low profile box! Fair Radio sold a ton of them for $60I

73

Date: Fri, 28 Nov 2003 22:22:55 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: carlseye@tampabay.rr.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [162018] Re: Key
Message-ID: <3FC8110F.A0E10E18@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Carl,

I would look on ebay or the ARRL classified on line. They do sometimes appear. However since the advent of the iambic key they are no longer being made. I have an old Virbroplex that I bought used over 25 years ago. However it is NOT for sale! I do believe that the Bencher I used daily can also be used as a single lever key. You might also take a look at their web site for more info.

Date: Fri, 28 Nov 2003 21:35:53 -0600
From: "George, W5YR" <w5yr@att.net>
To: <carlseye@tampabay.rr.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [162019] Re: keys
Message-ID: <05e901c3b629$e56e6ec0$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Carl, I have used a dual lever paddle for decades now. They do NOT have to be used in squeeze-key mode. Just press one paddle for dits and the other for dahs. Same action exactly as a single-lever paddle.

I had one of the Vibroplex single-lever jobs for a few weeks and then got rid of it and got this dual-lever Vibroplex job. The single-lever just didn't feel right to me - too much like a bug - so guess it was confusing some instinct/memory paths in the old brain.

I also tried true Iambic or squeeze keying after I designed and built an iambic keyer back in the early 70's using RTL logic (!). Although I could probably have mastered it, it just didn't attract me enough to devote the

time. So the double-lever paddle and non-iambic keying works just fine for me.

I guess my message is to not overlook some of the nice double-lever paddles that are available while single-lever paddles are not always to be found. The AZ Scorpions are offering a beautiful all-brass paddle kit for $25 shipped which will be hard to beat for quality and price.

Nobody made a law that says you have to use iambic keying with a dual-lever paddle if you don't want to! As for being an old timer, how far can you beat 74 for age and going on 58 years of hamming? <:}

73, George W5YR

----- Original Message -----
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, November 28, 2003 6:39 PM
Subject: keys

> I have just one small problem with "keys".. !!!
> I want (need) a key with a single paddle, cuz I'm not into
> this so-called "squeeze" keying thing. !! I've used a
> dual key type thing and don't like it.!! I'm from the "old" school and have
> a "tick one" and that's all I feel I need.l!!
> I'm an "old-timer " and don't need 30+ wpm. my old fingers can't do it
> anymore!!!!
> If there are any of you out there who appreciate the situation please let
> me know.!!!
> I'd be as happy as a new novice, (which I was once was) , but can't do it
> any more
> carl / kz5ca
>
>

Date: Fri, 28 Nov 2003 22:36:47 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: kizerian@xmission.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [162020] Re: weller wtcpt question..
Message-ID: <3FC8144F.93D4A86A@erols.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>
> In 40 years of R&D and product development this is one of the poorest
> excuses for an iron I have encountered. Ev
>
Golly Bruce, in my limited experience in aerospace, only 35+ years in development and support, every company that I ever heard of or worked for switched to wave soldering for large production over 25 years ago! Wave soldering gave a more consistent product. WTCPT's were only used for rework and repair work. There they remained the standard of the industry until old age caught them.

73

Date: Fri, 28 Nov 2003 20:52:15 -0700
From: "John" <digi2@earthlink.net>
To: <k7qo@commspeed.net>,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [162021] Re: [AZpad] While waiting for the paddle
Message-ID: <000801c3b62c$2e12dbf0$6401a8c0@HP5400>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Having never seen a German Shurr paddle, you might tell me what its finish looks like.

> 1. If you want a finish like the German Shurr paddles, I recommend
> you have ready a sanding block, #150 grit sandpaper, and some
> scrap lumber with a paint stick (clean).

John K7SVV

Date: Fri, 28 Nov 2003 22:09:53 -0600

From: "Joe Martin" <km5cw@wt.net>
To: "QRP" <qrp-l@Lehigh.EDU>
Subject: [162022] Re: [AZpad] While waiting for the paddle
Message-ID: <00a701c3b62e$a4fb9d90$8e4cd6d0@JoesHome1>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

    ---------| Virus Scanned by Symantec |---------
----- Original Message -----
From: "Chuck Adams" <k7qo@commspeed.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, November 28, 2003 5:08 PM
Subject: [AZpad] While waiting for the paddle

> 4. And would you do me a favor? Jot down what clear coating you use
> on the brass and the date. Then check the paddle once in a while to check
> for separation from the brass (delamination). I'd be interested in seeing
> how long the coating lasts.
> I went through several coats on the brass racers until I settled on
> a Brass Clear Coat from Park's that I got at ACE Hardware ($3.49 a can).
Chuck, I went to Home Depot and picked up the RUST-OLEUM
Crystal Clear Enamel,, I'll keep an eye on that one, I plan to polish plus
the
cream buff prior to coating. Might want to remind all that they should wear
gloves while handling the polishing chores, plus eye protection and not to
eat
before washing , brass dust isn't a healthy food group.
>
Thanks for the helpful tips, the more photos of the building process the
better
for me (g) a picture is worth a thousand words in assembling.
73 Joe KM5CW
>
> Chuck Adams K7QO   k7qo@commspeed.net
> http://www.qsl.net/k7qo   CP-60
>
> Moving to Arizona? Please bring your own water.
>
>

Date: Fri, 28 Nov 2003 22:16:44 -0600 (CST)
From: Dale Botkin <dale@botkin.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [162023] Re: weller wtcpt question..
Message-ID: <Pine.LNX.4.33.0311282206280.10375-100000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 28 Nov 2003, Bruce Kizerian wrote:

> In 40 years of R&D and product development this is one of the poorest
> excuses for an iron I have encountered.

Geez, Bruce, don't hold it all in like that. Tell us how you really feel
about it. 8-)

Actually, I used a WTCPN/TC201 combination for about 20 years, one that
was given to me well used. I just got a WES-51 to replace a small bunch
of pencil irons I'd been putting up with since the old girl finally died.
I have to say, my experience is quite the opposite of yours -- I used it
for everything from hobby to production use, with 600 and 700 degree tips,
and never had the slightest problem until the transformer finally opened
up (pre-eBay, so a replacement transformer was not economical). It never
failed to do precisely what it was suppsoed to do, but of course I had
several different tips ranging from a very fine conical 600 to a big, fat
pipe-soldering 800 degree monster that could actually qualify as a
Crayola.

I love 'em to death. Wish I had kept my TC-201 and tips, now that I can
pick up used power supplies on eBay for ten bucks I could have saved some
money.

73,
Dale - N0XAS

It's a thankless job, but I've got a lot of Karma to burn off.
PicoKeyer Analog with pot speed control now available! Or add
memory and more to your Rock-Mite -- http://www.hamgadgets.com

----

Date: Fri, 28 Nov 2003 22:20:30 -0600
From: "Joe Martin" <km5cw@wt.net>
To: "QRP" <qrp-l@Lehigh.EDU>
Subject: [162024] Re: keys
Message-ID: <00b901c3b630$20aa1a10$8e4cd6d0@JoesHome1>
MIME-Version: 1.0

Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Carl,
I do good to get out around 15-18 wpm anymore, I have arthritis in my hands, which sometimes yields some interesting code (g) but I love sending code in spite of it all.
I like the duals because it's easier to "slap" them, I actually use my arm movement more than my fingers.
73 Joe KM5CW
dit dit
    ---------| Virus Scanned by Symantec |---------
----- Original Message -----
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, November 28, 2003 6:39 PM
Subject: keys

>   I have just one small problem with "keys".. !!!
> I want (need) a key with a single paddle, cuz I'm not into
> this so-called "squeeze" keying thing. !! I've used a
> dual key type thing and don't like it.!! I'm from the "old" school and have
> a "tick one" and that's all I feel I need.l!!
>   I'm an "old-timer " and don't need 30+ wpm. my old fingers can't do it
> anymore!!!!
>   If there are any of you out there who appreciate the situation please let
> me know.!!!
>   I'd be as happy as a new novice, (which I was once was) , but can't do it
> any more
>   carl / kz5ca
>
>
>

Date: Fri, 28 Nov 2003 21:45:20 -0700
From: "Bruce Kizerian" <kizerian@xmission.com>
To: "Bruce Muscolino" <w6toy@erols.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [162025] Re: weller wtcpt question..

Message-ID: <003901c3b633$98969aa0$bc0d46a6@98seoem>
MIME-Version: 1.0
Content-Type: text/plain;
	charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Uncle!

Bruce kk7zz

Date: Fri, 28 Nov 2003 22:40:28 -0600
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-l@lehigh.edu
Subject: [162026] WTB: DSW-40 (unbuilt kit)
Message-ID: <5.1.1.6.0.20031128215736.00a078a0@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello,

WTB an unbuilt Small Wonder Labs DSW-40 kit (the original version).

Many thanks,

de Dave, NF0R   david.gauding@bbs.gailei.com

Date: Fri, 28 Nov 2003 22:48:05 -0700
From: "Bruce Kizerian" <kizerian@xmission.com>
To: "Bruce Muscolino" <w6toy@erols.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [162027] Re: weller wtcpt question..
Message-ID: <003d01c3b63c$5c8ddd80$bc0d46a6@98seoem>
MIME-Version: 1.0
Content-Type: text/plain;
	charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bruce M. et. al.

There are hundreds of small high tech companies in this country that build
amazing stuff on a dead run. We seldom comply with Mil Spec (a much abused

term anyway) but our customers come to us because we can provide them with what they want quickly, when big lumbering, what have we done since 1969, aerospace, etc. companies are still grinding out the details in committee. The production these companies do is small quantity, often hand built, but usually innovative and advanced for its time. It is only after we do the groundwork the the big companies step in, take over production, and raise a banner to the world saying "Look what we invented!"...I don't envy folks who work for the giants of industry. They miss out on being intimately involved with the details and responsibility from the start to the end of the project. Where would the captains of the aerospace industry be without what two "small time" "bicycle mechanics" did at KittyHawk?

Yes, we still use soldering irons often to make the stuff we design.

Wave soldering is a dated process also, isn't it?

There is, I have been told, a MilSpec document for fruitcake of somewhere around 17 pages. Working under these type of restraints must be real fun. No wonder everybody hates fruitcake. Makes you really wonder about an orginization that has to work under such constraints.

Bruce kk7zz

Date: Fri, 28 Nov 2003 22:17:09 -0800
From: "" <ab7vf@zworg.com>
To: qrp-l@Lehigh.EDU
Subject: [162028] Re: MFJ 259B
Message-ID: <22244.1070086629@zworg.com>

w5yr@att.net wrote:
>
> C'mon, Karl . . .
>
> Before you declare the procedure as "stupid" learn about it, understand it
> and then decide.
>
> Frank's procedure is mathematically sound and practically useful.
>
> This is not rocket science - just a clever application of a concept that we
> all know: loss in any device, such as a tuner or transmission line, changes
> the reflection coefficient seen at its input from that present at its
> output. What Frank has contributed is all the messy algebra to provide us
> with convenient formulas and a quick, easy test procedure.
>

> 73, George W5YR
>
> ----- Original Message -----
> From: "Karl Larsen" <k5di@zianet.com>
> To: "George, W5YR" <w5yr@att.net>

>
>
> >
> >
> >
> > >
> > > ----- Original Message -----
> > >
> > That is stupid George! Anyone who uses a tuner tunes it up so
> > "the load" is transformed to as near 50 +j0 as you can get. I can't
> > believe anyone did that!
> >
>

   Gentlemen, gentlemen ... the article in question is at:
 <http://www.arrl.org/tis/info/pdf/030910qex003.pdf>
 for those who may want to read it ...

   fwiw, Jim

Date: Sat, 29 Nov 2003 00:47:10 -0600 (CST)
From: Dale Botkin <dale@botkin.org>
To: Chuck Adams <k7qo@commspeed.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [162029] Re: [AZpad] While waiting for the paddle
Message-ID: <Pine.LNX.4.33.0311290043210.10592-100000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 28 Nov 2003, Chuck Adams wrote:

> NOTE: for those that can program the PIC chips. There is an article
> in the December issue of QST with a picokeyer using the 12F629, the
> same chip as is in the NorCal keyer.....

I have some small experience with (ahem) the keyer in question, and I can
tell you with some degree of confidence that the first thing that's
getting done when *my* paddle kit arrives is to figure out a
directly-attached keyer to screw onto it. I think I have the physical
mounting part figured out, but I'll have to try it to see. And if you

can't program a PIC, don't despair. There's bound to be a web site
somewhere that a guy can buy one pre-programmed, or perhaps even a
complete kit. Heck, it may even be mentioned in my signature block, you
just never know.

73,
Dale - N0XAS
--
It's a thankless job, but I've got a lot of Karma to burn off.
PicoKeyer Analog with pot speed control now available! Or add
memory and more to your Rock-Mite -- http://www.hamgadgets.com

----

Date: Fri, 28 Nov 2003 21:48:52 -0900
From: John Pfeifer <jpfeifer@gci.net>
To: carlseye@tampabay.rr.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [162030] Re: keys
Message-ID: <3FC84154.3040105@gci.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Carl,

I have the same problem. Spent too many years with an old Vibroplex bug
and, later, a TenTec single padder keyer. I can't
get the hang of iambic keying, no matter how hard I try.

I ended up buying a single paddle key from Kent Engineering in England.
You can see it at:

      http://www.kent-engineers.com/SINGLEpaddleINFO.htm

They are available in the US through Alpha Delta Communications,
http://www.alphadeltacom.com (although I had to wait 3 months
to get mine while it was on back-order).

I just got it and haven't had a chance to use it much yet, but it looks
very well built. There are also several reviews on Eham.net.

Good luck and have fun getting back into the code!

72,

John Pfeifer - KL0WN

carl seyersdahl wrote:

> I have just one small problem with "keys".. !!!
> I want (need) a key with a single paddle, cuz I'm not into
> this so-called "squeeze" keying thing. !! I've used a
> dual key type thing and don't like it.!! I'm from the "old" school and have
>a "tick one" and that's all I feel I need.l!!
>   I'm an "old-timer " and don't need 30+ wpm. my old fingers can't do it
>anymore!!!!
>   If there are any of you out there who appreciate the situation please let
>me know.!!!
>   I'd be as happy as a new novice, (which I was once was) , but can't do it
>any more
>   carl / kz5ca
>
>
>
>
>

Date: Sat, 29 Nov 2003 00:50:31 -0600 (CST)
From: Dale Botkin <dale@botkin.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [162031] Re: Key
Message-ID: <Pine.LNX.4.33.0311290049280.10592-100000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 28 Nov 2003, Bruce Muscolino wrote:

> Carl,
>
> I would look on ebay or the ARRL classified on line. They do sometimes
> appear. However since the advent of the iambic key they are no longer
> being made.

Sure they are. Vibroplex makes the Vibrokeyer still, and they're
available used fairly often. I just sold one a few months ago.

73,
Dale - N0XAS
--

It's a thankless job, but I've got a lot of Karma to burn off.
PicoKeyer Analog with pot speed control now available! Or add
memory and more to your Rock-Mite -- http://www.hamgadgets.com

---

Date: Sat, 29 Nov 2003 00:54:59 -0600 (CST)
From: Dale Botkin <dale@botkin.org>
To: QRP list <qrp-l@Lehigh.EDU>
Subject: [162032] Keyer kits shipping
Message-ID: <Pine.LNX.4.33.0311290052001.10615-100000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

For those of you who have been very patient while I waited on a batch of
PCBs to arrive, thanks. I've cleared out the entire backlog of orders.
If you have a PicoKeyer kit on order, it's in the mail and you should be
seeing it soon. I love dealing with hams - what a great bunch or people.
QRPers are the best of the best, of course! 8-)

73,
Dale - N0XAS
--
It's a thankless job, but I've got a lot of Karma to burn off.
PicoKeyer Analog with pot speed control now available! Or add
memory and more to your Rock-Mite -- http://www.hamgadgets.com

---

Date: Sat, 29 Nov 2003 01:42:57 -0600
From: "George, W5YR" <w5yr@att.net>
To: <ab7vf@zworg.com>,
        "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [162033] Re: MFJ 259B
Message-ID: <06ae01c3b64c$69885d20$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
        charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks, Jim - I did not have that reference or I would have given it to
Karl.

73, George W5YR

----- Original Message -----

From: <ab7vf@zworg.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, November 29, 2003 12:17 AM
Subject: Re: MFJ 259B

> Gentlemen, gentlemen ... the article in question is at:
> <http://www.arrl.org/tis/info/pdf/030910qex003.pdf>
> for those who may want to read it ...
>
> fwiw, Jim

Date: Sat, 29 Nov 2003 06:52:06 -0500
From: <bill@n4qa.com>
To: <qrp-l@Lehigh.EDU>
Subject: [162034] No snow in Florida...DSWMULTI...StarTech USB/serial/parallel ports addition to the ThinkPad...
Message-ID: <000001c3b66f$57670420$3b26ad80@f1n5n8>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

On Friday, 21 November 2003, I added a couple new paragraphs to the DSWMULTI project docs, beginning at:
http://www.n4qa.com

Martha, Ellie and I got home last evening from a nice little vacation in central Florida. Daytime temperature was above 80 F most days.
So, we rolled back into southwest Virginia and were greeted by snow flurries.
Martha said "Let's go back to Florida". Ellie wouldn't've objected...she had the entire center section of mama's Highlander all to herself.
But, I spotted my new 99-cent toy, in a box suspended within a plastic bag, hanging on the front-door knob so...
The StarTech USB1S1P (my latest 99-cent e-Bay acquisition) is a cute little box. One upstream USB port...complete w/ cable, for connection to the ThinkPad 600E's single USB port...three downstream USB ports...one DE9M serial port...one DB25F printer port...all ports seem to work...gosh, the wall-wart alone is probably worth 99 cents...
Ok, the shipping from Honolulu WAS $ 8.99...

73.
Bill, N4QA
http://www.n4qa.com

Date: Fri, 28 Nov 2003 22:08:44 -0500
From: Lee Mairs <lmairs@direcway.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [162035] Re: weller wtcpt question..
Message-ID: <000201c3b67d$1cbc1000$3b6d020a@J4>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I built my 2N2-40 entirely Manhattan style with a WTCPT soldering iron with
a 700 degree tip. I certainly didn't notice any problems. YMMV...
73 de Lee
KM4YY/8

----- Original Message -----
From: "Ed Tanton" <n4xy@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, November 28, 2003 5:19 PM
Subject: Re: weller wtcpt question..

> I don't know what was wrong with YOUR own WTCPT Bruce... but you could not
> be MORE INCORRECT about WTCPTs in general. I have used the WTCPT to do the
> braid-to-PL259 soldering (with the aid of some flux)... fully melting
> solder INTO the braid and 'onto' the barrel of the PL259. They do a great
> job of heat transfer. Perhaps you were trying to use that WTCPT finest
> chisel tip on circuit board-but even that should have been able to 'take
> ahold'. Only thing I ever found it wouldn't do flux or no flux was
> wire-to-ground-rods. But they ought to be clamped or welded anyway.
>
> Also, I should mention I have been pleased with whatever this
brass-colored
> Brillo-pad-like tip cleaner is. Works very well on the type of plated tip
> commonly in use these days. And... I do not like the plating (tip) life
> with the 800 degree tips. The sevens are just fine.
>
>
>
> 73 Ed Tanton N4XY <n4xy@earthlink.net>
>
> Ed Tanton N4XY
> 189 Pioneer Trail
> Marietta, GA 30068-3466
>

> website: http://www.n4xy.com
>
> All emails <IN> & <OUT> checked by
> Norton AntiVirus with AutoProtect
>
> LM: ARRL QCWA AMSAT & INDEXA;
> SEDXC NCDXA GACW QRP-ARCI
> OK-QRP QRP-L #758 K2 (FT) #00057
>
> --
> "He that gives up a little liberty to gain
> temporary security will lose both and
> deserve neither".
> --Benjamin Franklin
>
> "Suppose you were an idiot ...
> and suppose you were a member of
> Congress... but I repeat myself."
> --Mark Twain
> --
>
>
>

Date: Sat, 29 Nov 2003 08:09:17 -0500 (EST)
From: <ah7i@atl.org>
To: Bruce Kizerian <kizerian@xmission.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [162036] Re: weller wtcpt question..
Message-ID: <Pine.LNX.4.33.0311290758310.15474-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

what power rating is yours?
iirc they still make a 60W.

i'm happy with mine after 20+
years of use. usually use the 700 degree
tip except on 1oz board with small
lands where i like the 600.

for plumbing i use a MAPP gas torch

-bob

On Fri, 28 Nov 2003, Bruce Kizerian wrote:

> >Don't blame the iron when it's the operator trying to use it outside of
> > it's
> > design qualifications.
>
>
> In 40 years of R&D and product development this is one of the poorest
> excuses for an iron I have encountered. Even with the no 8 tip it is much
> too slow for production work--unless of course you are an inexperienced
> solderer and need a crutch in order to solder. It is the giant kindergarten
> crayon of soldering irons.
>
> I say this knowing that it is likely to provoke, but that's my experience.
>
> Bruce kk7zz
>
>
>

Date: Sat, 29 Nov 2003 08:36:56 -0500
From: Rick McKee <kc8aon@juno.com>
To: mqfd@smartgroups.com, fpqrp-l@fpqrp.com, qrp-l@Lehigh.EDU
Subject: [162037] It's time for MQFD !
Message-ID: <20031129.083702.10046.2.kc8aon@juno.com>

Got a light dusting of snow here in Southern Ohio this morning, and wind chills down as low a 4 degrees, but will still be setting up in my camper later today !

Will most likely be on or around:

10.108 on 30 meters

18.102 on 17 meters and maybe

24.908 on 12 meters

The warc bands will most likely be the best bet this weekend due to the CQ WW contest ! Hope to see ya'll on the bands !

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW-20+, SW-30+, SW-40+, Norcal BLT, Yaesu FT-7,

QRP-L #2112, FPqrp #33, AR QRP, AmQRP, Ohio Valley Fists, Zombie #718
For info on MQFD, go to: http://www.smartgroups.com/groups/mqfd
I'll give up CW & QRP when I'm dead !   MAYBE ! dididididadidah

---
The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only $14.95/ month - visit www.juno.com to sign up today!

Date: Sat, 29 Nov 2003 07:46:51 -0600
From: John Oppenheimer <kn5l@gte.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [162038] Re: Logikey keyer for sale
Message-ID: <3FC8A34B.BC00F9EA@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I can highly recommend the Idiom Press keyers. I have been using a K3 for years and find it to be one of my best ham radio acquisitions. The K3 however does not have an internal battery. I recently purchased a CMOS 4 keyer in kit form. I have not assembled a kit for a rather long time and it was a quite enjoyable project. The CMOS 4 is also limited to four memory buttons but does run off of three internal AAA batteries. I used it first with my old HW-8 and now with my new IC-703. Using a new Vibroplex Iambic Standard key.

Two reasons for using an external keyer are: memory buttons are not hidden in a menu system and having a constant key delay. I'm not sure where the delay is, but I can tell if it is different! The Idiom Press keyers feature their delay settings, which there are several to choose from.

John

End of QRP-L Digest 3119
****